

## Replacement Sheet

FIG. 8

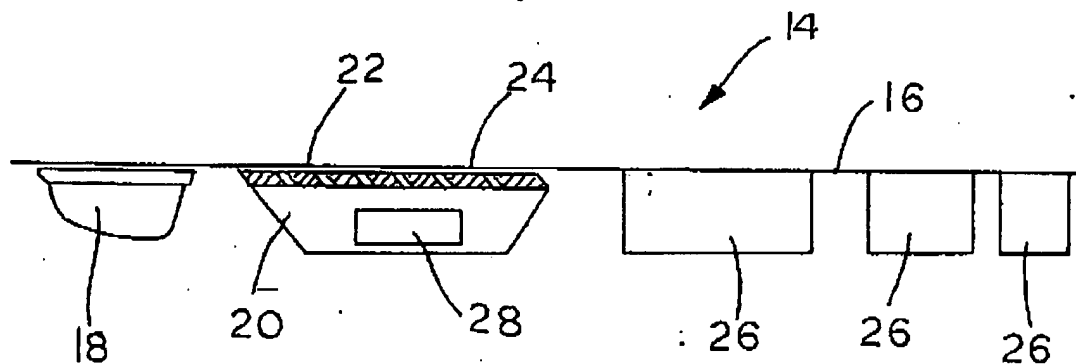
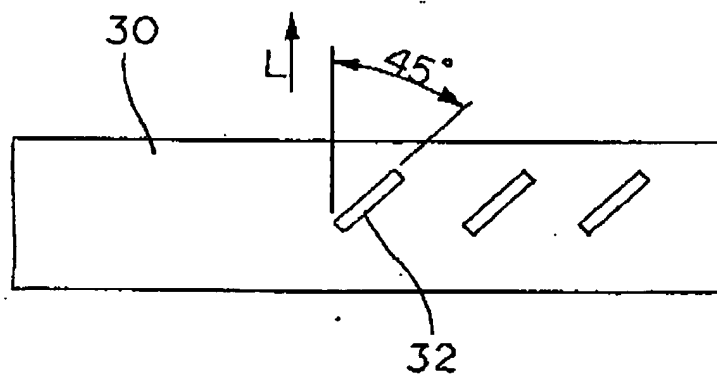


FIG. 9



Replacement Sheet

SUCTION BOX WITH DIAGONALLY SLOTTED PLATE  
TENSILE STIFFNESS RELATIONSHIP LONGITUDINAL/TRANSVERSE  
WITH AND WITHOUT VACUUM

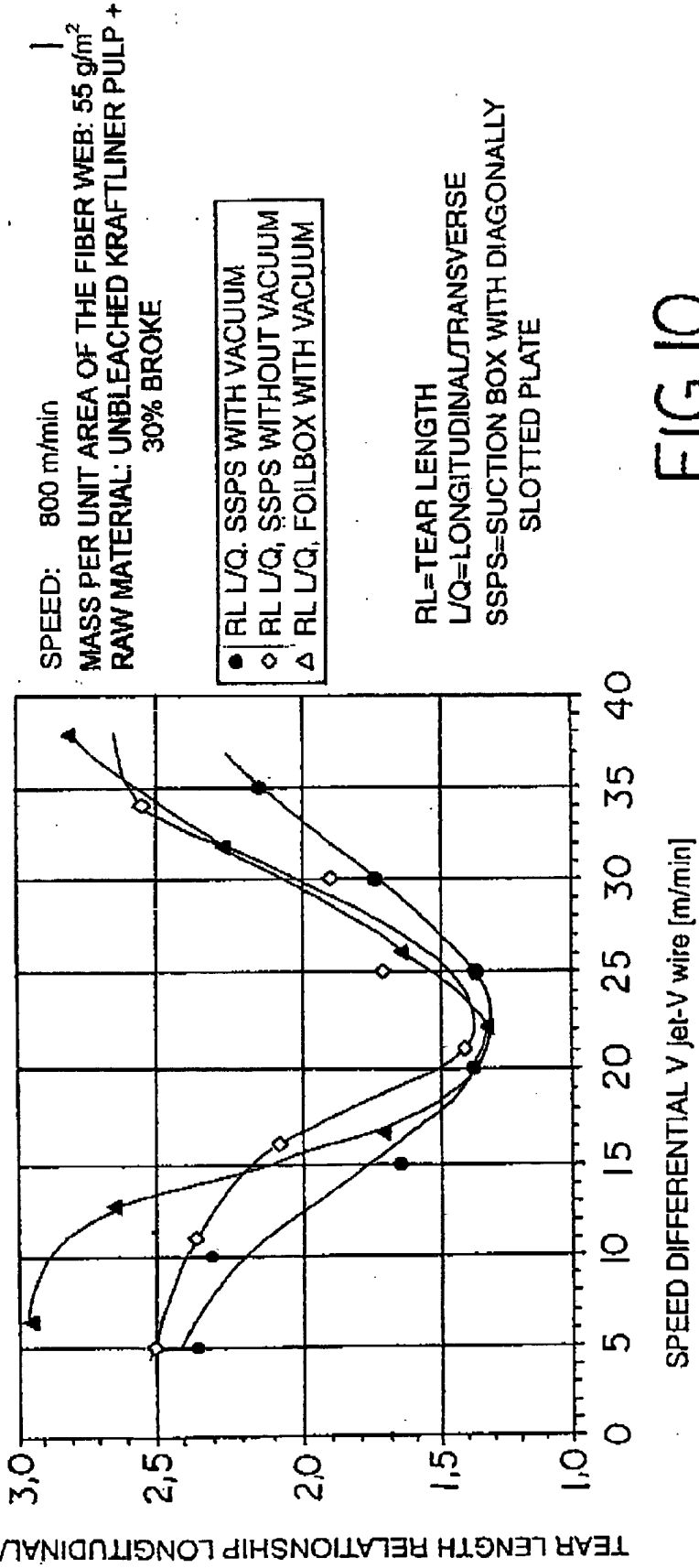
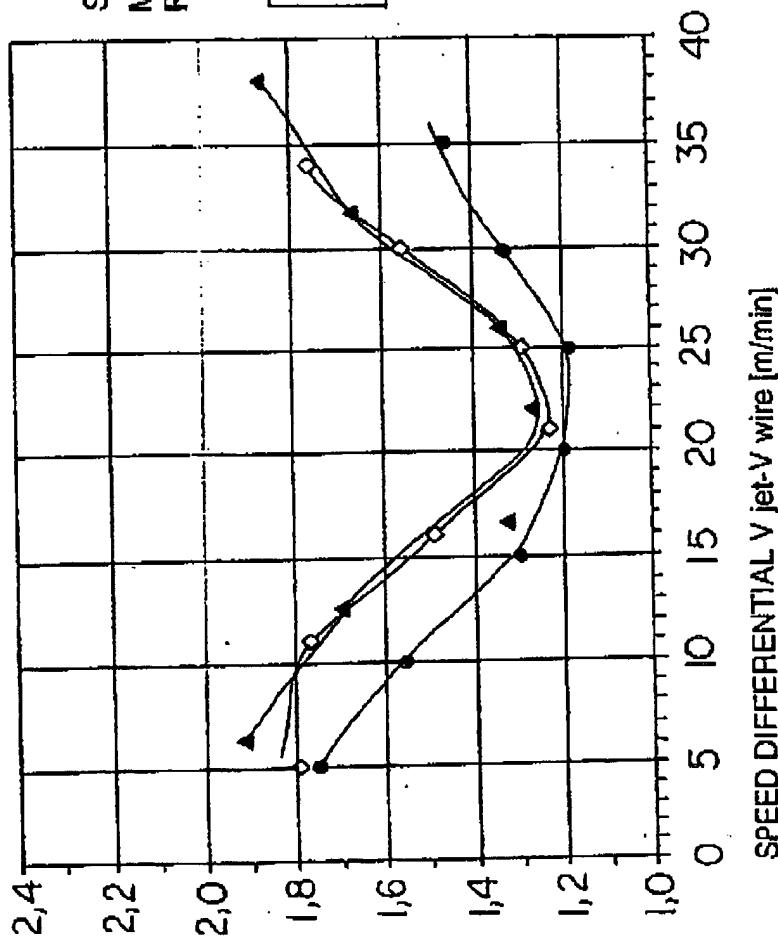


FIG.10

Replacement Sheet

SUCTION BOX WITH DIAGONALLY SLOTTED PLATE  
TENSILE STIFFNESS RELATIONSHIP LONGITUDINAL/TRANSVERSE  
WITH AND WITHOUT VACUUM



SPEED: 800 m/min

MASS PER UNIT AREA OF THE FIBER WEB: 55 g/m<sup>2</sup>  
RAW MATERIAL: UNBLEACHED KRAFTLINER PULP +  
30% BROKE

- TSI L/Q, SSPPS WITH VACUUM
- ◊ TSI L/Q, SSPPS WITHOUT VACUUM
- ▲ TSI L/Q, FOIL BOX WITH VACUUM

TSI= TENSILE STIFFNESS INDEX  
L/Q= LONGITUDINAL/TRANSVERSE  
SSPPS= SUCTION BOX WITH DIAGONALLY  
SLOTTED PLATE

FIG. 11

Replacement Sheet

SUCTION BOX WITH DIAGONALLY SLOTTED PLATE  
TRANSVERSE STRENGTH WITH AND WITHOUT VACUUM ON THE  
DIAGONALLY SLOTTED PLATE SUCTION BOX

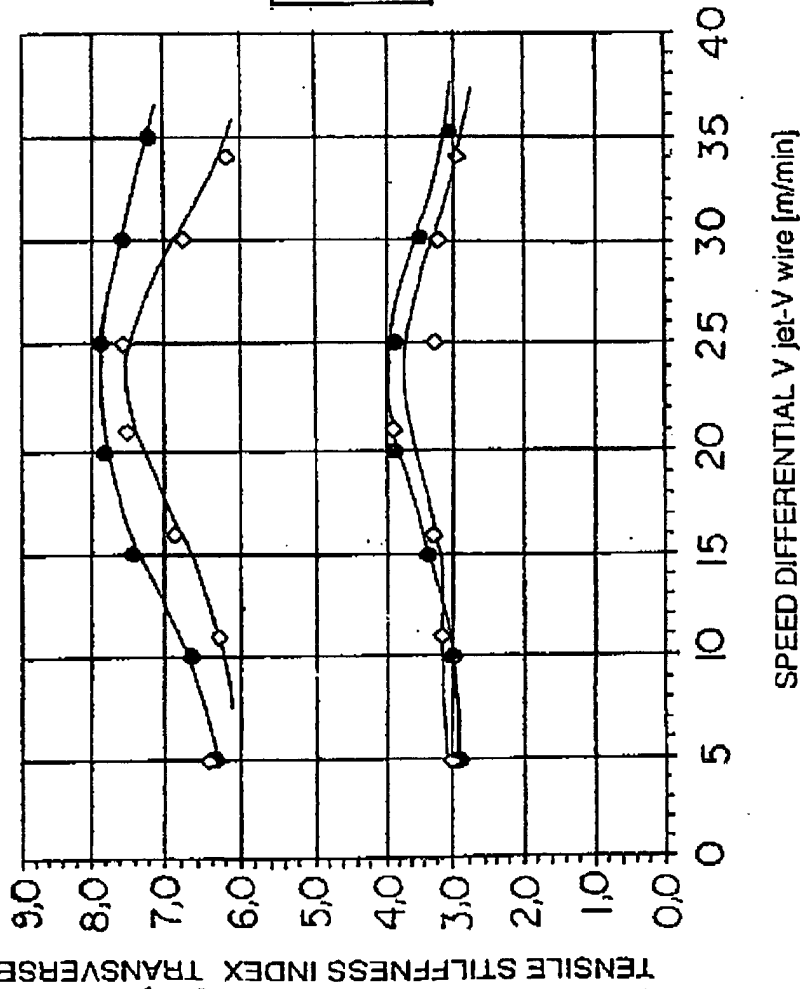
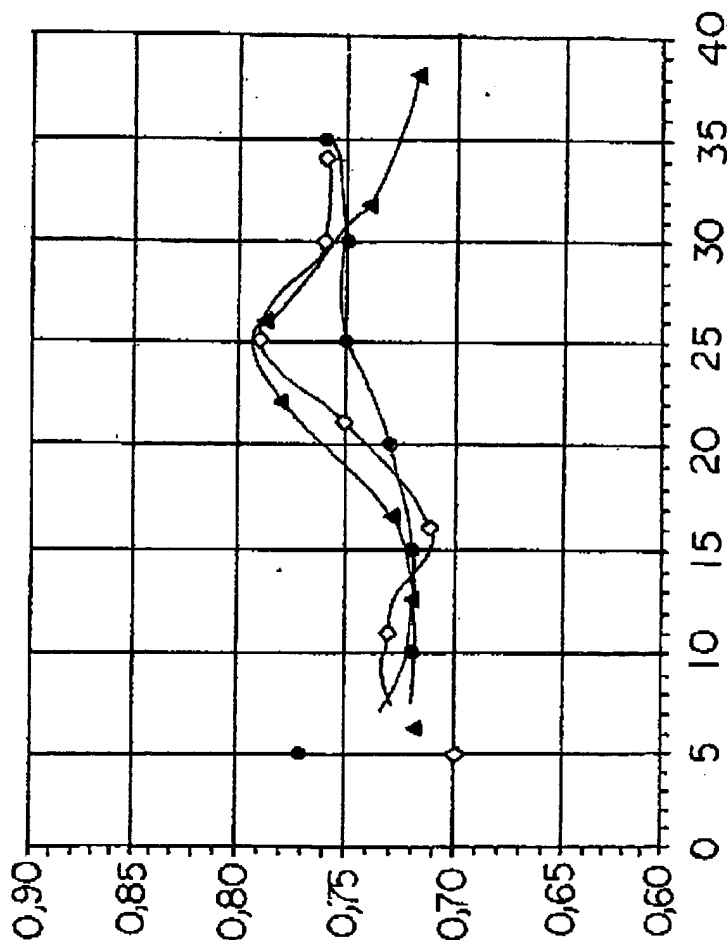


FIG.12

## Replacement Sheet

SUCTION BOX WITH DIAGONALLY SLOTTED PLATE  
FORMATION WITH AND WITHOUT VACUUM

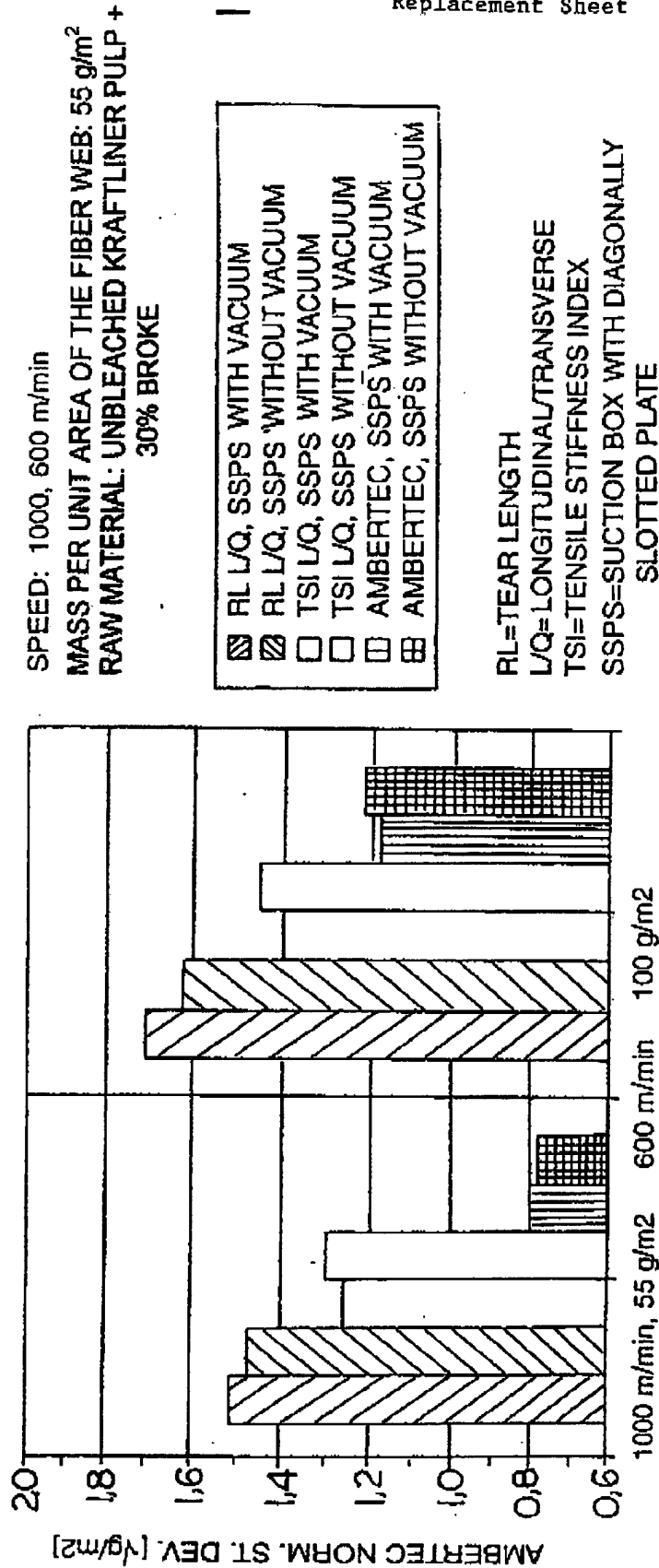
SPEED: 800 m/min  
 MASS PER UNIT AREA OF THE FIBER WEB: 55 g/m<sup>2</sup>  
 RAW MATERIAL: UNBLEACHED KRAFTLINER PULP +  
 30% BROKE

RL=TEAR LENGTH  
 L/Q=LONGITUDINAL/TRANSVERSE  
 SSPS=SUCTION BOX WITH DIAGONALLY  
 SLOTTED PLATE

FIG.13

Replacement Sheet

# SUCTION BOX WITH DIAGONALLY SLOTTED PLATE TENSILE STIFFNESS ORIENTATION WITH AND WITHOUT VACUUM

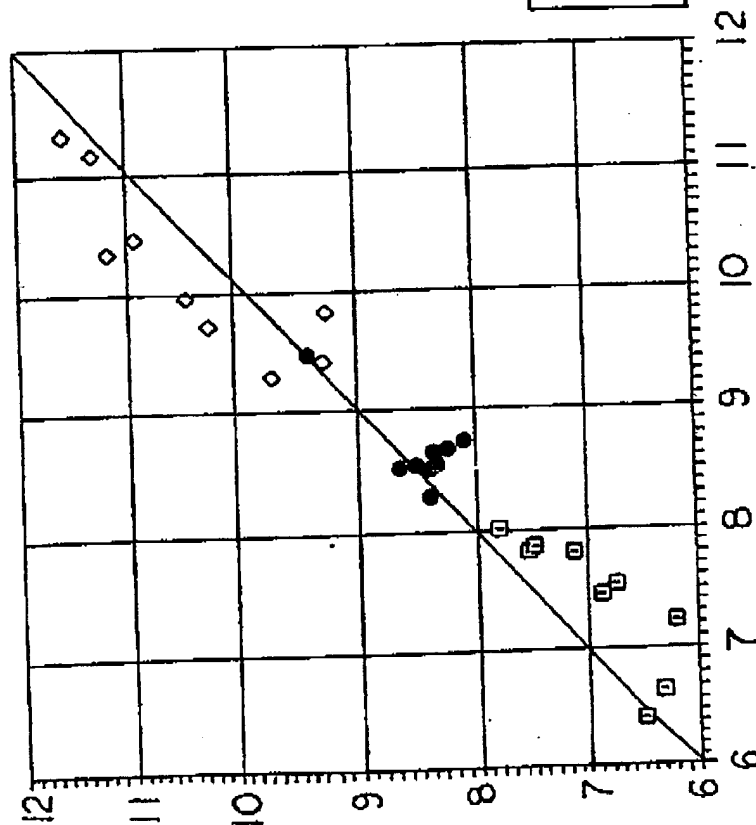


SPEED DIFFERENTIAL V jet-V wire [m/min]

FIG.14

Replacement Sheet

SUCTION BOX WITH DIAGONALLY SLOTTED PLATE  
TENSILE STIFFNESS INDEX WITH AND WITHOUT  
VACUUM ON SUCTION BOX



SPEED: 800 m/min  
MASS PER UNIT AREA OF THE FIBER WEB: 55 g/m<sup>2</sup>  
RAW MATERIAL: UNBLEACHED KRAFTLINER PULP + 30% BROKE

FIG.15

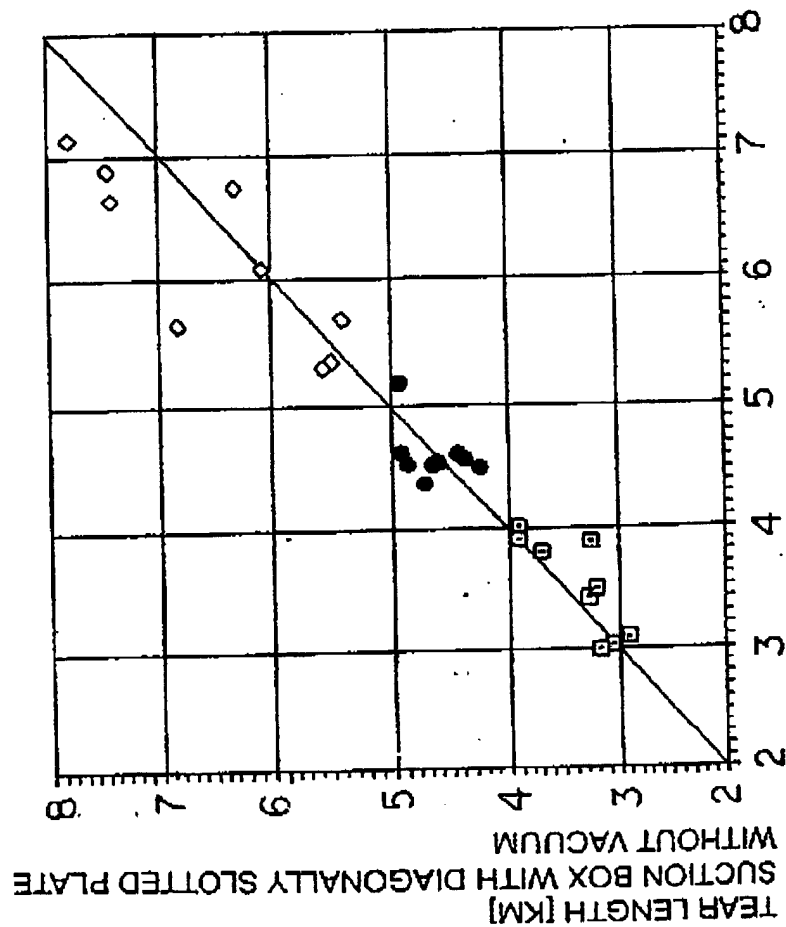
TENSILE STIFFNESS INDEX [kNm/g]  
SSPS WITH VACUUM

SUCTION BOX WITH DIAGONALLY SLOTTED PLATE WITH VACUUM

TENSILE STIFFNESS INDEX [kNm/g]  
SSPS WITHOUT VACUUM

## Replacement Sheet

SUCTION BOX WITH DIAGONALLY SLOTTED PLATE  
TEAR LENGTH WITH AND WITHOUT VACUUM AT THE SUCTION BOX  
WITH DIAGONALLY SLOTTED PLATE



SPEED: 800 m/min  
MASS PER UNIT AREA OF THE FIBER WEB: 55 g/m<sup>2</sup>  
RAW MATERIAL: UNBLEACHED KRAFTLINER PULP + 30% BROKE

FIG.16